

WHAT IS CLAIMED IS:

Sub A³ 1. An airfoil comprising:

an airfoil body having a root, a tip, a leading edge, and a trailing edge;
 a first wall extending from said leading edge to said trailing edge;
 a second wall extending from said leading edge to said trailing edge,
 said second wall having at least one rib extending therefrom; and
 an outer wall disposed in spaced apart relationship with second wall
 and attached to said rib, said outer wall comprising a high temperature foil.

2. The airfoil of claim 1 wherein said high temperature foil
 comprises a rhodium-based alloy.

3. The airfoil of claim 2 further comprising an interface layer
 disposed between said first rib and said outer wall.

Sub A⁴ 4. The airfoil of claim 3 wherein said interface layer comprises
 chromium, palladium, and nickel.

Sub A⁵ 5. The airfoil of claim 4 wherein said first and second walls
 comprise a nickel-base superalloy.

6. The airfoil of claim 1 wherein said high temperature foil
 comprises a nickel-based alloy.

Sub A⁵ 7. An airfoil comprising:

an airfoil body having a root, a tip, a leading edge, a trailing edge, a
 pressure side wall and a suction side wall;

a suction side tip wall disposed at said tip and extending from said
 leading edge to said trailing edge;

a pressure side tip wall disposed at said tip extending from said
 leading edge to said trailing edge, said pressure side tip wall being offset from
 said pressure side wall so as to define a tip shelf and having at least one rib
 extending therefrom; and

Sub A⁵

an outer tip wall disposed on said pressure side of said tip in spaced apart relationship with said pressure side tip wall and attached to said rib, said outer tip wall comprising a high temperature foil.

Sub B³ 8. The airfoil of claim 7 wherein said high temperature foil comprises a rhodium-based alloy.

Sub A⁵

9. The airfoil of claim 8 further comprising an interface layer disposed between said rib and said outer tip wall.

Sub B³ 10. The airfoil of claim 9 wherein said interface layer comprises chromium, palladium, and nickel.

11. The airfoil of claim 10 wherein said pressure side tip wall comprises a nickel-base superalloy.

12. The airfoil of claim 7 wherein said high temperature foil comprises a nickel-based alloy.

FOOTNOTES